

## Complete Summary

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### TITLE

Rehabilitation: percent of applicable inpatients with an initial functional assessment (Functional Independence Measure [FIM]) to assess the need for rehabilitation intervention entered into the Functional Status and Outcomes Database (FSOD).

### SOURCE(S)

Office of Quality and Performance (10Q). FY 2005 VHA executive career field network director performance measurement system and JCAHO hospital core measures. Technical manual. Washington (DC): Veterans Health Administration (VHA); 2005 Mar 9. 244 p.

## Measure Domain

### PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

### SECONDARY MEASURE DOMAIN

Does not apply to this measure

## Brief Abstract

### DESCRIPTION

This measure assesses the percent of applicable inpatients with an initial functional assessment (Functional Independence Measure [FIM]) to assess the need for rehabilitation intervention entered into the Functional Status and Outcomes Database (FSOD), segmented by patients with new stroke, new amputation, or newly acquired brain dysfunction.

### RATIONALE

Stroke, lower extremity amputations, or newly acquired brain dysfunction impairments, produce significant life changes for the veteran's functional status. Effective rehabilitation intervention represents the opportunity to achieve maximal

benefit for the patient. Increased functional outcomes for patients contribute to patient satisfaction as well as defer potential costly care expenditures. For rehabilitation outcomes of these patient populations to be tracked, they must first be identified and an initial Functional Independence Measure (FIM) assessment performed.

#### PRIMARY CLINICAL COMPONENT

Rehabilitation; stroke; lower extremity amputation; brain dysfunction impairment; functional independence assessment

#### DENOMINATOR DESCRIPTION

Inpatients with a new stroke, lower extremity amputation, or recently acquired brain dysfunction impairment (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

#### NUMERATOR DESCRIPTION

The number of patients from the denominator with an admission initial Functional Independence Measure (FIM) assessment entered into the Functional Status and Outcomes Database (FSOD)

### Evidence Supporting the Measure

#### EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- One or more research studies published in a National Library of Medicine (NLM) indexed, peer-reviewed journal

### Evidence Supporting Need for the Measure

#### NEED FOR THE MEASURE

Use of this measure to improve performance  
Variation in quality for the performance measured

#### EVIDENCE SUPPORTING NEED FOR THE MEASURE

Office of Quality and Performance (10Q). FY 2005 VHA executive career field network director performance measurement system and JCAHO hospital core measures. Technical manual. Washington (DC): Veterans Health Administration (VHA); 2005 Mar 9. 244 p.

### State of Use of the Measure

#### STATE OF USE

Current routine use

## CURRENT USE

External oversight/Veterans Health Administration  
Internal quality improvement

### Application of Measure in its Current Use

## CARE SETTING

Hospitals

## PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

## LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Single Health Care Delivery Organizations

## TARGET POPULATION AGE

Unspecified

## TARGET POPULATION GENDER

Either male or female

## STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

### Characteristics of the Primary Clinical Component

## INCIDENCE/PREVALENCE

Unspecified

## ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

## BURDEN OF ILLNESS

Unspecified

## UTILIZATION

Unspecified

## COSTS

Unspecified

### Institute of Medicine National Healthcare Quality Report Categories

## IOM CARE NEED

Getting Better  
Living with Illness

## IOM DOMAIN

Effectiveness

### Data Collection for the Measure

## CASE FINDING

Users of care only

## DESCRIPTION OF CASE FINDING

Inpatients with a new stroke, lower extremity amputation, or recently acquired brain dysfunction impairment

## DENOMINATOR SAMPLING FRAME

Patients associated with provider

## DENOMINATOR INCLUSIONS/EXCLUSIONS

### Inclusions

Inpatients with a new stroke, lower extremity amputation, or recently acquired brain dysfunction impairment\*

\*Note:

"New" Stroke: Inpatient International Classification of Diseases, Ninth Revision (ICD-9) codes:

- If the admission and/or discharge diagnosis is 430.xx, 431.xx, 432.xx, 434.xx, 436.xx, 433.01, 433.11, 433.21, 433.31, 433.81, 433.91, or 997.02, OR
- If the admission and/or discharge diagnosis is V57.xx (Rehabilitation) and any secondary diagnosis is 342.xx (hemiparesis), 430.xx, 431.xx, 432.xx, 433.xx, 434.xx, 435.xx, 436.xx, 437.xx, 438.xx, or 997.02, OR
- If the admission and/or discharge diagnosis is 433.xx or 435.xx and any secondary diagnosis code is 342.xx, 430.xx, 431.xx, 432.xx, 434.xx, 436.xx, or 997.02.

New Lower Extremity Amputation: Any ICD-9 inpatient or ambulatory surgical procedure code of 84.10, 84.13 - 84.19.

Newly Acquired Brain Dysfunction: The following ICD-9 codes represent the traumatic brain injury patients: 310.2, 348.1, 800.xx, 801.xx, 803.xx, 804.xx, 850.3, 850.4, 851.xx, 852.xx, 853.xx, 854.xx, 905.0, and 907.0.

#### Exclusions

Patients with any of the following:

- Discharged against medical advice (AMA)
- Died
- Discharged from a Community Contract Nursing Home program paid by the Veterans Administration (VA)
- Length of inpatient stay is less than 3 days, calculated as inpatient discharge date minus inpatient admission date at the facility, regardless of bedsection
- Discharged from a VA Blind Rehabilitation Center

#### DENOMINATOR (INDEX) EVENT

Clinical Condition  
Institutionalization

#### DENOMINATOR TIME WINDOW

Time window follows index event

#### NUMERATOR INCLUSIONS/EXCLUSIONS

##### Inclusions

The number of patients from the denominator with an admission initial Functional Independence Measure (FIM) assessment entered into the Functional Status and Outcomes Database (FSOD)\*

\*FSOD: The Functional Status and Outcomes Database for Rehabilitation offers rehabilitation clinicians and managers the ability to track outcomes through the full continuum of rehabilitative care.

##### Exclusions

Unspecified

#### NUMERATOR TIME WINDOW

Episode of care

#### DATA SOURCE

Administrative and medical records data

#### LEVEL OF DETERMINATION OF QUALITY

Individual Case

#### PRE-EXISTING INSTRUMENT USED

Unspecified

## Computation of the Measure

### SCORING

Rate

### INTERPRETATION OF SCORE

Better quality is associated with a higher score

### ALLOWANCE FOR PATIENT FACTORS

Analysis by subgroup (stratification on patient factors, geographic factors, etc.)

### DESCRIPTION OF ALLOWANCE FOR PATIENT FACTORS

Data are segmented by patients with new stroke, new amputation, or newly acquired brain dysfunction.

### STANDARD OF COMPARISON

Internal time comparison  
Prescriptive standard

### PRESCRIPTIVE STANDARD

Fiscal Year (FY) 2005 targets for Rehabilitation:

- Meets Target: 76%
- Exceeds Target: 80%

### EVIDENCE FOR PRESCRIPTIVE STANDARD

Office of Quality and Performance (10Q). FY 2005 VHA executive career field network director performance measurement system and JCAHO hospital core measures. Technical manual. Washington (DC): Veterans Health Administration (VHA); 2005 Mar 9. 244 p.

## Evaluation of Measure Properties

### EXTENT OF MEASURE TESTING

Unspecified

## Identifying Information

### ORIGINAL TITLE

Rehabilitation.

### MEASURE COLLECTION

[Fiscal Year \(FY\) 2005: Veterans Health Administration \(VHA\) Performance Measurement System](#)

### DEVELOPER

Veterans Health Administration

### ADAPTATION

Measure was not adapted from another source.

### RELEASE DATE

2002 Nov

### REVISION DATE

2005 Mar

### MEASURE STATUS

Please note: This measure has been updated. The National Quality Measures Clearinghouse is working to update this summary.

### SOURCE(S)

Office of Quality and Performance (10Q). FY 2005 VHA executive career field network director performance measurement system and JCAHO hospital core measures. Technical manual. Washington (DC): Veterans Health Administration (VHA); 2005 Mar 9. 244 p.

### MEASURE AVAILABILITY

The individual measure, "Rehabilitation," is published in "FY 2005 VHA Performance Measurement System: Technical Manual."

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#### NQMC STATUS

This NQMC summary was completed by ECRI on January 11, 2005. The information was verified by the measure developer on February 17, 2005.

#### COPYRIGHT STATEMENT

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